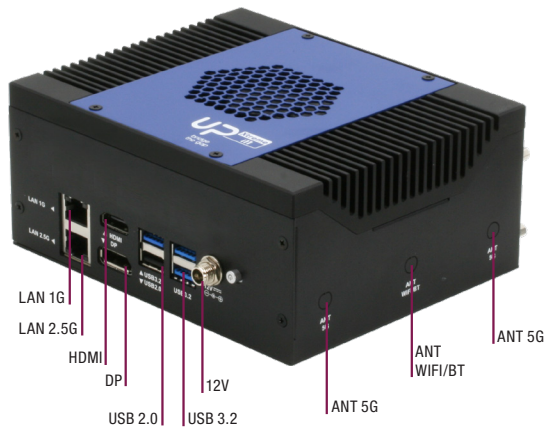
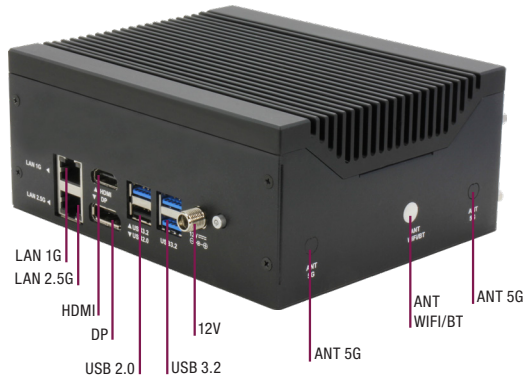


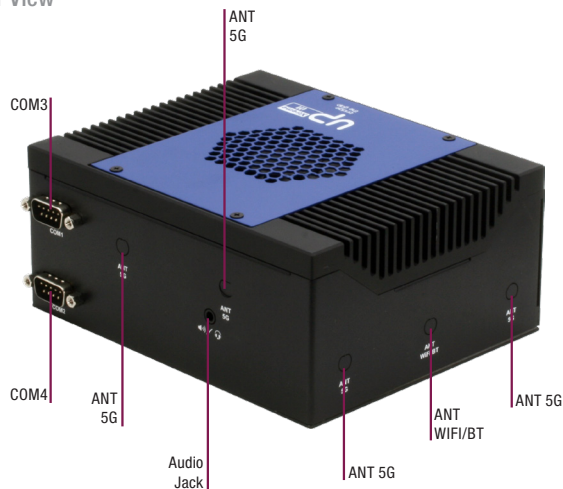
# UP Xtreme i11 Edge A10-0001

UPX-EDGE i11 system is powered by 11th Generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC (formerly Tiger Lake UP3)

Front View



Rear View



## Features

- 11th generation Intel® Core™ i7/i5/i3/Celeron® Processor SoC (formerly Tiger Lake UP3)
- DDR4 SO-DIMM Slot x 2 (up to 64GB)
- SATA storage
- Support 5G via M.2 3052
- Support WiFi 6
- Support LAN up to 2.5Gbps
- Fan and Fanless design available

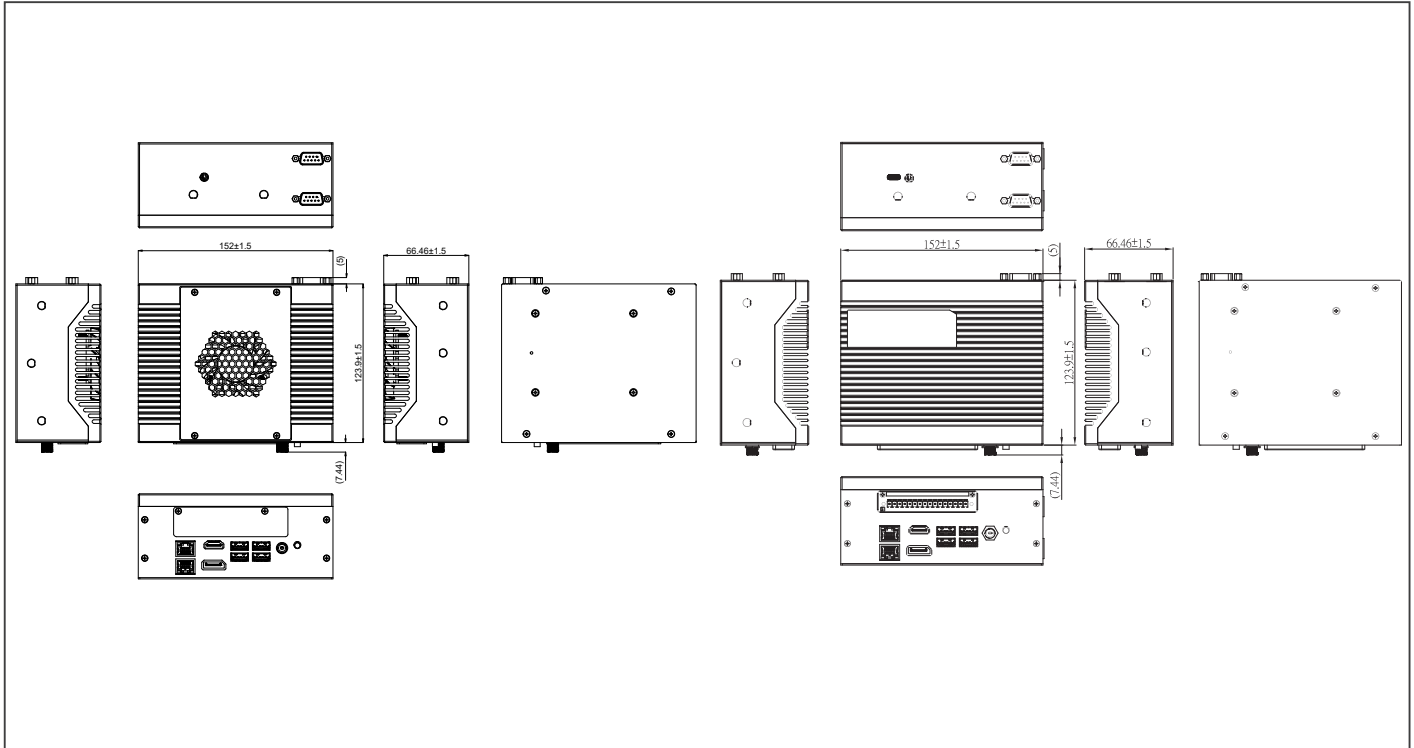


## Specifications

System	
CPU	11th Gen Intel® Core™ Processor SoC Core i7-1185G7E Core i7-1185GRE Core i5-1145G7E Core i5-1145GRE Core i3-1115GRE Celeron® 6305E
Memory	DDR4 SO-DIMM Slot x 2 (up to 64GB 3200Mhz)
Graphics	Intel® Iris® Xe graphics
Storage	SATA CONN x 1 with POWER CONN (2.5" SSD) M.2 2280 M Key NVMe(PCIe [x2])
Ethernet	Intel® i225T x 1, Intel® i219 (vPRO) x 1
WiFi/BT	Optional
Audio	Realtek ALC888s x 1 (Mic in/ Line out)
USB	USB 3.2 Gen2 x 3 USB 2.0 x 1 (Type A)
Expansion Slot	M.2 2230 E-Key x 1 M.2 2280 M-Key x 1 M.2 3052 B-Key x 1 with Micro-SIM SATA3.0 with power connector x 1 (2.5" SSD) PCIe x 4 slot (Optional)
I/O Placements	
Power	12V DC-in (Lockable plug)/ Phoenix connector
USB	USB3.2 Gen2 x 3 USB2.0 x 1 (Type A)
Display Port	HDM 2.0 x 1 /DP 1.4 x 1 eDP x 1, 4K at 60hz panel
Ethernet	Intel® i225T x 1, Intel® i219 (vPRO) x 1
COM	RS232/422/485 x 2
Environment	
Power	12V (AT & ATX)
Form Factor	124mm x 152mm x 66.5mm
Gross Weight	GW: 2.3kg
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C) Fanless Sku Memory and Storage requirement: DRAM Module : 0°C ~ 85°C 2.5" SSD: -45°C ~ 85°C
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Certification	CE,FCC Class A
OS Support	Windows 10 /IOT, Yocto 3.1, Ubuntu 20.04.02

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	Core	LAN	Memory	USB	COM Ports	Expansion Slot	Display	Power	Operation Temp	Fan
UPX-EDGE-TGLI7-A10-0000-0001	Intel Core i7-1185GRE	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	Yes
UPX-EDGE-TGLI5-A10-0000-0001	Intel Core i5-1145GRE	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	Yes
UPX-EDGE-TGLI3-A10-0000-0001	Intel Core i3-1115GRE	2	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	Yes
UPX-EDGE-TGLCR-A10-0000-0001	Intel Celeron® 6305E	2	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	Yes
UPX-EDGE-TGLI7GE-A10-0000-0001	Intel Core i7-1185G7E	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	Yes
UPX-EDGE-TGLI5GE-A10-0000-0001	Intel Core i5-1145G7E	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	Yes
UPX-EDGE-TGLI7-A10-0000-0001	Intel Core i7-1185GRE	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	NO
UPX-EDGE-TGLI5-A10-0000-0001	Intel Core i5-1145GRE	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	NO
UPX-EDGE-TGLI3-A10-0000-0001	Intel Core i3-1115GRE	2	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	NO
UPX-EDGE-TGLCR-A10-0000-0001	Intel Celeron® 6305E	2	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	NO
UPX-EDGE-TGLI7-A10-0000-0001	Intel Core i7-1185G7E	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	NO
UPX-EDGE-TGLI5GE-A10-0000-0001	Intel Core i5-1145G7E	4	GbE x 2 (Intel i225 IT up to 2.5Gbps, Intel i219 up to 1Gbps)	SO-DIMM (Up to 3200Mhz, 64GB)	USB 3.2 Gen 2 x 3 USB 2.0 x 1	2	M.2 2280 M key x 1, M.2 2230 E key x 1, M.2 3052 B key x 1, SATA 3 x 1, PCIe 4.0 x 1	HDMI, DP, eDP,	12V	32°F ~140°F (0°C ~ 60°C)	NO

1. No CPLD and 16 pins
2. No USB Type-C
3. Have different BIOS version to 0000 version.

## Packing List

- SATA cable
- SATA power cable
- UP Xtreme i11 EDGE

## Optional Accessories

- **1255X00032**  
(TF)AC/DC Adapter.Input AC.100~240V.Output DC.12V.MAX 72W.6.0A.180D.W/LOCK.EDAC.EA10681U(120)  
(Remark)
- **1255300960**  
(TF)Power Adapter.100-240VAC~50/60Hz.12V/8A.96W.DC jack W/lock.FSP.FSP096-AHAN3/9NA0961403  
(Use this adapter if select AI Core XM)
- **1702031802**  
(TF)POWER CORD.3P-125V 10A 180D.1.8M.USA.FANJET.YP12/YC-12
- **170203180E**  
(TF)Power cord.3P.125V/7A.1.8M.PSE YP12/YC12 Certificate
- **9741364A00**  
Wireless LAN Kit M.2 2230 802.11ac/a/b/g/n + BT4.0,2T2R,with 2 sets of cable & antenna (Enli,QCNFA364A)
- **9651926001**  
(TF).M.2 2230 WiFi Kit.802.11ac.2.4G/5G,W/BT Intel.9260.NGWG.NV.958867 w/2 cable & antenna